

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	W. Thomas Cathey, Jr. et al.		
Application No.:	Unknown	Group No.:	Unknown
Filed:	(Herewith)	Examiner:	Unknown
		Atty. Docket No.:	414671

For: EXTENDED DEPTH OF FIELD OPTICAL SYSTEMS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


INFORMATION DISCLOSURE STATEMENT TRANSMITTAL
FILED UNDER 37 C.F.R. § 1.97(B)

Pursuant to 37 C.F.R. §§ 1.56, 1.97(b) and (e) and 1.98, Applicants hereby submit an Information Disclosure Statement Form PTO-1449 (modified). The cited references were previously considered in prosecution of prior U.S. Application Serial Number 09/070,969, filed 01 May 1998, of which the above-referenced application is a continuation. Copies of the references should thus be obtained in the prior application pursuant to 37 C.F.R. §1.98(d).

Applicants believe no fees are currently due. However, should any additional fees be required in connection with the filing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge said fees to Deposit Account No. 12-0600.

Respectfully submitted,

Date: 1/16/09

By 
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Sheet 1 of 7

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Examiner Name	Unknown
Attorney Docket Number	414671

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
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	2.	3,054,898	09-18-1962	Westover et al.	
	3.	3,305,294	02-21-1967	Alvarez	
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	39	5,193,124	03-09-1993	Subbarao	
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	77	6,121,603	09-19-2000	Hang et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	1	EPO-0759573-A2	02-26-1997	Eastman Kodak Company		
	2	EPO-0531926-B1	3-17-1993	Matsushita Electric Industrial Co., Ltd.		
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	8	EP-0742466-A	11-13-1996	Johnson & Johnson Vision		

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NON PATENT LITERATURE DOCUMENTS

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	1	J. OJEDA-CASTANEDA, L. R. BERRIEL-VALDOS, and E. MONTES, "Spatial filter for increasing the depth of focus", Optics Letters, Vol. 10, No. 11, p520-522, November, 1985	
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	4	J. OJEDA-CASTANEDA, E. TEPICHIN, and A. PONS, "Apodization of annular apertures: Strehl ratio", Applied Optics, Vol. 27, No. 24, p 5140-5145, December 15, 1988	
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	6	S. C. TUCKER, W. T. CATHEY, and E. R. DOWSKI, Jr, "Extended depth of field and aberration control for inexpensive digital microscope systems", Optics Express, Vol. 4, No. 11, p467-474, May 24, 1999	
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	20	H. WANG, and F. GAN, "High focal depth with a pure-phase apodizer", Applied Optics, Vol 40, No. 31, p 5658-5662, November 1, 2001	
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	22	S. S. SHERIF, E. R. DOWSKI, Jr and W. T. CATHEY, "A logarithmic phase filter to extend the depth of field of incoherent hybrid imaging systems", Applied Optics, in press.	
	23	D. KERMISCH, "Partially coherent image processing by laser scanning", Journal of the Optical Society of America, Vol. 65, No. 8, p 887-891, August, 1975	
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	26	G. Y. SIRAT, "Conoscopic holography. I. Basic principles and physical basis", J. Opt. Soc. Am. A, Vol. 9, No. 1, p 70-90, January 1992	
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	29	D. KERMISCH, "Principle of equivalence between scanning and conventional optical imaging systems", J. Opt. Soc. Am. Vol. 67, No. 10, p 1357-1360, October, 1977	
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	48	SIEBERT, J. (Officer), International Search Report received in PCT/US01/26126, international filing date 08-20-2001, Completion Date 24 June 2003, 3 pages.S	
	49	VELDKAMP, WILFRID B., and McHUGH, THOMAS J., "Binary Optics", Scientific American, 1 May 1992, vol. 266, no. 5, pages 50-55	
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